

Hake

i. Research in 2001

The joint U.S./Canada triennial echo-integration/trawl survey was conducted during July/August 2001 using the NOAA Ship Miller Freeman and the CCGS W.E. Ricker. The total biomass declined to 738 thousand mt from 1.2 million mt in 1998. This is the lowest observed biomass in the survey time series. There was some indication of moderate recruitment with the 1999 year-class (age 2's) accounting for 400 thousand mt of 738 thousand mt of total biomass. The two-year old's were present from California to Washington but did not show in the Canadian portion of the survey.